



Centurion  
UNIVERSITY  
*Shaping Lives...  
Empowering Communities...*

# Center for Smart Agriculture

## High value Cut flowers



**Module 2: Dutch Rose Cultivation**  
**Session 10: Maturity Indices and Harvest**



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

# Maturity

- Maturity index for harvesting rose differs depending on market and cultivar
- Rose is harvested as a cut flower



Centurion  
UNIVERSITY

*Shaping Lives...  
Empowering Communities...*

## Harvesting Criteria

- For long-distance transport or storage, roses should usually be harvested with some of the sepals reflexed
- Flowers harvested before the sepals reflex may fail to open
- While Fast-opening roses, like some yellows and whites, should be harvested just before the sepals start to separate from the bud



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

# Method of harvesting

- Harvesting is most convenient using shears provided with auxiliary jaws to hold the bloom after harvest
- The cut is normally made so as to leave 2 five-foliate leaves below the cut



**Centurion**  
**UNIVERSITY**

*Shaping Lives...  
Empowering Communities...*

# Yield

- Per plant yield of dutchrose is 25-30 flowers
- Average yield of dutchrose is 1,50,000 flowers per acre



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*

**THANK YOU**